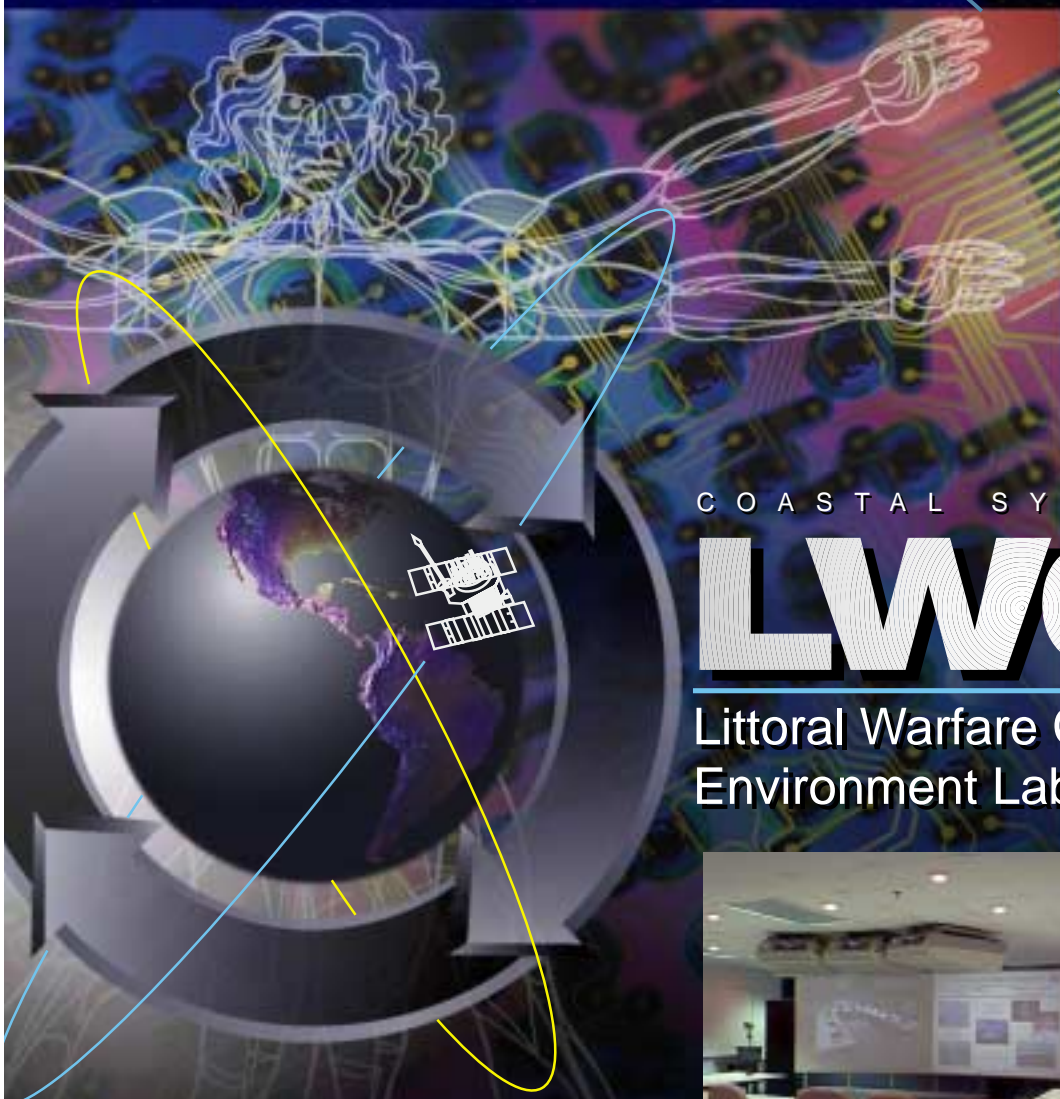


NAVAL SEA SYSTEMS COMMAND

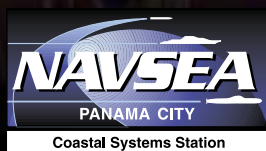


COASTAL SYSTEMS STATION

LWCCEL

Littoral Warfare Collaboration
Environment Lab

NAVAL SURFACE WARFARE CENTER



DAHLGREN DIVISION

DAHLGREN PANAMA CITY DAM NECK



NSWCDD
Modeling & Simulation
Presentation Center
Panama City, Florida



NSWCDD
Decision Support Center
Panama City, Florida

Overview

The Littoral Warfare Collaboration Environment Lab (LWCEL) unites collaborative engineering technology with the life-cycle acquisition process for the 21st century naval forces. It is located in the Littoral Warfare Evaluation Facility at Naval Surface Warfare Center, Dahlgren Division's (NSWCDD's) Coastal Systems Station (CSS), Panama City, Florida, but integrates to the entire acquisition and Fleet community. Major components of the LWCEL are the Decision Support Center and the Modeling and Simulation Presentation Center. Other systems consisting of servers, networks, collaborative tools, data management, and data storage provide the necessary LWCEL infrastructure support. The LWCEL incorporates state-of-the-art technology to facilitate innovation and technology insertion into all phases of the acquisition and business management process. Use of the LWCEL is open to all of Dahlgren Division and to others upon approval. LWCEL usage rates are available in the CSS Project Planning Document or by calling the technical points of contact.

Benefits

The LWCEL provides increased productivity, a reduction in travel time and travel expenses, and less disruption to participants' other responsibilities. The state-of-the-art infrastructure supports efficient, effective, and focused meetings, presentations, and decision-making sessions.

Scheduling the LWCEL

LWCEL rooms are scheduled through Melanie Warren, (850) 234-5461, DSN 436-5461, WarrenMM@ncsc.navy.mil. For a demonstration, please contact Mr. David Davis at (850) 234-4364, DSN 436-4364, DavisDG@ncsc.navy.mil.

Decision Support Center

Capabilities

- Electronic interface to the Modeling and Simulation Presentation Center
- Remote server accessible through the Internet (provides 128-bit encryption) and supporting participants in remote meeting rooms or individual offices
- Connectivity to NSWC Dahlgren Laboratory through dedicated T1 service
- System of laptop computers and NT servers to support local and remote collaborative working sessions (government, contractor, military, ship, etc.)
- Connectivity to PC, Sun, HP, DEC, and SGI workstations and the local base broadcast system
- Video-teleconferencing (via on-the-spot ISDN telephone line dial-up)
- Two large-screen, high-resolution projection units
- Wireless RF control system
- Video cassette recorder/player
- Microphones/loudspeakers
- Electronic and standard whiteboards
- Electronic presenter (viewgraphs or objects)
- Extra AV ports for laptop presentations
- Printer
- Breakout rooms
- Presentation and decision-support software tools

Uses

- Needs assessment
- Standards development
- Software development
- Process re-engineering
- Distributed meetings
- Knowledge management
- Innovative thinking
- Virtual war-room
- Requirements Analysis
- Trade-off studies
- Training
- Evaluation
- Strategic planning
- Distance learning
- Problem solving
- Program reviews
- Issue, concept, and methodology exploration
- Overflow seating for Modeling and Simulation (M&S) Demonstration Room audience

Modeling and Simulation Presentation Center

Capabilities

- Barco, high-resolution graphic projectors
- Curved wrap display screen
- Wireless RF control system
- Video cassette recorder/player
- Whiteboards
- Remote mouse for presentations
- Microphones/loudspeakers
- Surround-sound audio system
- Presentation software tools using desktop computers
- Connectivity to PC, Sun, HP, DEC, and SGI workstations and the local base broadcast system
- Connectivity to NSWC Dahlgren Laboratory through dedicated T1 service
- Connectivity to SIPRNet and DREN

Uses

- Large-screen display of two- and three-dimensional modeling, simulation, and visualization tools
- Meeting space requiring electronic presentation capabilities
- Overflow seating for Decision Support Center audience



NSWCDD/MP-99/129: 10/99

Approved for public release; distribution is unlimited.

For further information, please contact:

Coastal Systems Station, Dahlgren Division

Naval Surface Warfare Center

6703 West Highway 98

Panama City, Florida 32407-7001

CSS Public Affairs Office

(850) 235-5107

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